

DESCRIPTIONS OF NEW SPECIES OF LAND-SHELLS FROM  
CENTRAL AND SOUTH AMERICA.

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PLATE XXIV.

1. *DRYMÆUS CHIRIQUIENSIS*, n.sp. Pl. XXIV, Fig. 1.

Testa fusiforme ovata, subumbilicata, tenuiuscula, albida, zonis tribus purpurascenti-fuscis, inter zonas strigis longitudinalibus ejusdem coloris picta, periostraco sericeo induta; anfr. 6, convexis, oblique striatis, apice granulato-striato; apertura ovata, perampla, labro reflexo, dilute salmonco; columella anguste reflexa. Long. 29, diam. 14 mm.; apert. long. 17, lat. 8 mm.

*Hab.*—Boqueti, Chiriquí, Panama.

A single specimen only has been received of this pretty shell. The combination of colour and markings renders it an object of much beauty. The cancellation produced by the chocolate bands crossed by the waved longitudinal stripes on the white ground give it a latticed appearance, which is sharply defined within the interior; under the lens the nepionic whorls show the usual thimble-like sculpture of *Drymæus*.

2. *DRYMÆUS OBLIQUISTRIATUS*, n.sp. Pl. XXIV, Fig. 2.

Testa pyramidalis-oblonga, umbilicata, suturis impressis, olivaceo-fusca, strigis fuscis hic illic sparsis picta, subtiliter et creberrime oblique striata; spira acuminata, anfr. 8 convexis; apertura oblonga, intus intense nigricanti-fusca,  $\frac{2}{3}$  longitudinis subæquans, labro simplice; columella subrecta, reflexa. Long. 30, diam. 12 mm.; apert. long. 12, lat. 6 mm.

*Hab.*—San Pablo, Peru.

3. *DRYMÆUS CYLINDRICUS*, n.sp. Pl. XXIV, Fig. 3.

Testa subcylindrico-turrita, anguste perforata, solidula, oblique subrugose striata, sordide rosco-cornea, periostraco tenui fusco induta; apex subpapillatus; sutura impressa; anfr.  $7\frac{1}{2}$  vix convexiusculi; apertura obliqua  $\frac{2}{3}$  longitudinis subæquans, ad basin parum attenuata; perist. simplex; columella reflexiuscula. Long. 30, diam. 11 mm.; apert. long. 12, lat. 5 mm.

*Hab.*—San Pablo, Peru.

4. *DRYMÆUS ELSTERI*, n.sp. Pl. XXIV, Fig. 6.

Testa oblongo-turrita, imperforata, solidula, sublævigata, sub lente minutissime striata, albida, strigis spadiceis in ziczac flexis, albopunctatis; spira elongato-conica; anfr. 6 modice convexi, ultimus oblique productus; columella recta, rosea; apertura oblongo-ovalis, intus lilacina; perist. roseum, dilatatum, margine dextro expanso. Long. 34, diam. 15 mm.; apert. long. 18, lat. 9 mm.

*Hab.*—Chachapoyas, prov. Amazonas, Peru.

An unnamed example of this species is in the Cuming Collection in the British Museum. The writer received a few specimens from the Governor of the Province of Amazonas, through the instrumentality of his friend Mr. Elster of Lima (since deceased), after whom the species is named. The shells from which the type is selected vary considerably in both form and coloration, and will be found to resemble many of the species of *Drymæus* from Colombia, which latter are generally, however, deeply umbilicated.

5. *DRYMÆUS SUBVENTRICOSUS*, n.sp. Pl. XXIV, Fig. 4.

Testa acuminato-oblonga, umbilicata, tenuiuscula, albida, violaceo-fusca; anfr. 7, subventricosi, suturis impressis, longitudinaliter rude elevato-striati; apertura ovata, intus purpurascens,  $\frac{2}{3}$  longitudinis superans; perist. acutum, parum reflexum, albo marginatum; columella leviter reflexa. Long. 30, diam. 14 mm.; apert. long. 13, lat. 8 mm.

*Hab.*—Bogotá, Colombia.

6. *DRYMÆUS EXOTICUS*, n.sp. Pl. XXIV, Fig. 10.

Testa ovato-conica, vix umbilicata, tenuiuscula, levigata, nitida, albida, violaceo-fusca, longitudinaliter strigata et maculata; anfr. 6, subventricosi, suturis impressis; apertura ampla,  $\frac{1}{2}$  longitudinis sub-æquans, intus violaceo-strigata; perist. acutum et reflexum; columella dilatata, reflexa. Long. 23.5, diam. 11 mm.; apert. long. 11, lat. 7.5 mm.

*Hab.*—The hot country, Upper Magdalena River, Colombia.

7. *DRYMÆUS EXPANSUS*, Pfr., var. *PERENENSIS*, n. var. Pl. XXIV, Fig. 5.

Testa compresse umbilicata, ovato-pyramidata, costulis longitudinalibus confertis tecta, albida, fasciis sagittiformibus variegata; anfr.  $6\frac{1}{2}$ , convexi, penultimus aliis tumidior; columella torta, recedens; apert. ampla, inverse auriformis, intus lilacina; perist. album, expansum, et reflexum, ad basim paulo-quadratum. Long. 46, lat. 23 mm.; apert. long. 22, lat. 17 mm.

*Hab.*—Peréné, Peru.

This variety, lately discovered by Mr. C. Codd at Peréné, Peru, differs in many respects from the typical *D. expansus*, Pfr., inasmuch as it invariably has a less expanded lip, the body-whorl is less ventricose, while the upper ones are much more swollen, the maculation is also more pronounced and of a darker colour, while the umbilicus is much more contracted and not so deep as in the type.

8. *STROPHOCHEILUS (DRYPTUS) INDENTATUS*, n.sp. Pl. XXIV, Fig. 8.

Testa oblongo-ovata, imperforata, tenuiuscula, decussatim rude striata, et subtiliter indentata, roseo-fusca, strigis et maculis rufis ornata; spira brevis, apice obtuso, roseo, transversim striato et punctato granuloso, ad suturas sub-crenulata; anfr. 5, convexiusculi; columella rosea, fere erecta; apertura ovata, longit. totius  $\frac{1}{2}$  paulo superans, intus plumbea; perist. breviter reflexum, roseum, ad basim eum columella angulum indistinctum formans. Long. 44, diam. 23 mm.; apert. long. 24, lat. 13 mm.

*Hab.*—Ecuador.

This shell with a few other examples was collected many years ago by the late Mr. Clarence Buckley during his extensive travels in Ecuador; it bears at first sight a resemblance to *S. Guerini*, Pfr., from which it differs in the strong reticulated sculpture on the whorls, its swollen and obtuse spire, and especially in the angular form of the base of the aperture, at its junction with the columella; moreover, *S. Guerini* has hitherto been found only in Venezuela, and in the opinion of both Mr. Reeve and Mr. Pilsbry is but a small variety of *S. Moritzianus*, a view in which the writer fully concurs.

9. *NEOCYCLOTUS COLOMBIENSIS*, n.sp. Pl. XXIV, Fig. 7.

Testa depressa, subdiscoidea, ampliter aperte umbilicata, vivide fulvescente-castanea, ad apicem rosacea, infra peripheriam saturate late fasciata, supra et infra fasciam anguste nigro cingulata; anfr. 5, ad suturas concavo-impressi, undique oblique filoso-striati; apertura oblique circularis. Diam. maj. 33·5, min. 25 mm.

*Hab.*—Near Bogotá, Colombia.

This and a young example are the only specimens received. In form and sculpture it resembles *Cyclotus Dunkeri* from the same country; but differs in respect to its colour, which in this species is of a bright reddish tinge on the three upper whorls, and further in the presence of a broad, dark peripheral band supplemented by a black girdle below it.

10. *NEOCYCLOTUS CAUCAENSIS*, n.sp. Pl. XXIV, Fig. 9.

Testa modice profunde umbilicata, subdiscoidea, vivide olivaceo-virens, inferne albida, ad et infra peripheriam anguste fasciata; anfr. 4, ad suturas impressi, ultimus inferne canaliculatus; apertura circularis; perist. tenue, ad basim fissum. Diam. maj. 30, min. 23·5 mm.

*Hab.*—Province Cauca, Colombia.

Of the two specimens received of this singular shell one was returned by the writer in hopes that others might be discovered, but without result. In both of the shells sent the fissure on the lip occurs in precisely the same place, just below the shallow canal that surrounds the base: a similar fissure is found in *N. giganteus*, var. *Fischerianus*, Hid., from Ecuador, but that form has no canal on the base.

EXPLANATION OF PLATE XXIV.

- FIG. 1. *Drymaeus Chiriquiensis*, n.sp.  
 ,, 2. ,, *obliquistriatus*, n.sp.  
 ,, 3. ,, *cylindricus*, n.sp.  
 ,, 4. ,, *subventricosus*, n.sp.  
 ,, 5. ,, *expansus*, var. *Perenensis*, n.var.  
 ,, 6. ,, *Elsteri*, n.sp.  
 ,, 7. *Neocyclotus Colombiensis*, n.sp.  
 ,, 8. *Strophocheilus indentatus*, n.sp.  
 ,, 9. *Neocyclotus Caucaensis*, n.sp.  
 ,, 10. *Drymaeus exoticus*, n.sp.